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ABSTRACT OF THE DISCLOSURE

10 A method and an apparatus for transmitting data in a
linear-type or ring-type network structured by a
plurality of nodes and both-way transmission lines each
connecting between adjacent nodes includes that each
node operates as a left TE, a right TE, or an IE. The
left and right TEs prepare token packets each including
15 a transmission right and packet trailers each including
a data packet storage area. The left TE transmits the
packet trailers on a right direction line of the both-
way transmission line.